

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Langberg, et al.

Application Serial No.: 10/672,079

Filed: 09/29/2003

For: Method and System for Reducing Interferences due to Handshake Tones

Mail Stop

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

**CERTIFICATE UNDER 37 C.F.R. §3.73(b)
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION**

1. The assignee of the entire right, title and interest hereby seeks to take action in the PTO in this matter.

IDENTIFICATION OF ASSIGNEE

2. The assignee of this matter is:

IKANOS COMMUNICATIONS, INC.

47669 Fremont Boulevard

Fremont, CA 94538

PERSON AUTHORIZED TO SIGN

3. Scott A. Horstemeyer
Attorney for Assignee
4. A chain of title from the inventor(s) to the current assignee is shown below:
 - a. From: Ehud Langberg, Patrick Duvaut, Laurent Pierrugues, Wolfgang Kleenwein (Administrator of the Estate of peter Kleewein, Deceased)
To: Globespan Virata Incorporated
Recorded in PTO: Reel: 015059 Frame: 0804

- b. From: Globespan Virata Incorporated
To: Brooktree Broadband Holding, Inc.
Recorded in PTO: Reel: 018826 Frame: 0939
- c. From: Brooktree Broadband Holding, Inc.
To: Ikanos Communications, Inc.
Recorded in PTO: Reel: 023163 Frame: 0723

DECLARATIONS

5. I, the undersigned, have reviewed all the documents in the chain of title of the

☒ application
☐ patent

matter identified above and, to the best of my knowledge and belief, title is in the assignee identified above.

6. I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7. I, the person signing below, aver that I am empowered to sign this statement on behalf of the assignee.



Scott A. Horstemeyer, Reg. No. 34,183

Tel. No. 770-933-9500
Customer No.: 24504

**THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.**

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Docket No. 050912-1370